

FIG. 1A

NOGO-R2	1	MLPG	LRRLQAPAS	AC...LLLML	LA..LPLAAP	SCPMLCTCYS	50
NOGO-R3		MSWQSGTITVT	QSPVQAAQVS	GCCVELLLLL	LAGEPLGG.	GCPDRCVCYP	
NOGO-R1		~~~~~	~~~~~MKRAS	AGGSRLAWV	LWLQAWQVAA	PCPGACVCYN	
Consensus		~~~~~	-----S	-----LL---	L-----	-CP--C-CY-	
NOGO-R2	51	PTVSCQA	NNFSSVPLSL	PPSTQRFLQ	NNLIRTLRPG	TFGS..NLLT	100
NOGO-R3		AP.MTVSCQA	HNFAAIPEGI	PEDSERIFLQ	NNRITFLQQG	HFSP..AMVT	
NOGO-R1		EPKVTTS CPQ	QGLQAVPVG I	PAASQRIFLH	GNRISHVPAA	SFRACRNLT I	
Consensus		-P--T-SC--	-----P---	P----R-FL-	-N-I-----	-F-----	
NOGO-R2	101	LWLFSSNNLST	IYPGTFRHLQ	ALEELDLDGN	RHLRSLEPDT	FQGLERLQSL	150
NOGO-R3		LWIYSNNITF	IAPNTFEGFV	HLEELDLDGN	RQLRTLAPET	FQGLVKLHAL	
NOGO-R1		LWLHSNVLAR	IDAAAF TGLA	LLEQLDLS DN	AQLRSVDPAT	FHGLGRLHTL	
Consensus		LW--SN----	I-----F----	-LE-LDL-DN	--LR---P-T	F-GL--L--L	
NOGO-R2	151	HLYRCQLSSL	PGNIFRGLVS	LQYLYLQENS	LLHLQDDLFA	DLANLSHLFL	200
NOGO-R3		YLYKCGLSAL	PAGIFGGLHS	LQYLYLQDNH	TEYLQDDIFV	DLVNLSHLFL	
NOGO-R1		HLDRCGLQEL	GPGLFRGLAA	LQYLYLQDNA	LQALPDDTFR	DLGNLTHLFL	
Consensus		-L--C-L--L	----F-GL--	LQYLYLQ-N-	---L-DD-F-	DL-NL-HLFL	
NOGO-R2	201	HGNRLRLLTE	HVFRGLGSLD	RLLLHGNRLQ	GVHRAAFRGL	SRLTILYLFN	250
NOGO-R3		HGNKLWSLQ	GIFRGLVNLD	RLLLHENQLQ	WVHHKAFHDL	HRLTTLFLFN	
NOGO-R1		HGNRISSVPE	RAFRGLHS LD	RLLLHQN RVA	HVHPHAFRDL	GRMLTYLFA	
Consensus		HGN-----	--FRGL--LD	RLLLH-N---	-VH--AF--L	--RL--L-LF-	

2/6
FIG. 1B

251	NSLASLPGEA	LADLPSLEFL	RLNANPWACD	CRARPLWAWF	QRARVSSSDV	300
	NSLTELQGDC	LAPLVALEFL	RLNGNAWDCG	CRARSLWEWL	RRFRGSSSAV	
	NNLSALPTEA	LAPLRALQYL	RLNDNPWVCD	CRARPLWAWL	QKFRGSSSEV	
	N-L--L----	LA-L--L--L	RLN-N-W-C-	CRAR-LW-W-	--R-SSS-V	
	Consensus					
301	TCATPPERQG	RDLRALREAD	FQAC...P.P	AAPTRPGSRA		350
	PCATPELRQG	QDLKLLRVED	FRNC...TGP	VSPHQIKSHT		
	PCSLPQRLAG	RDLKRLAAND	LQGC AVATGP	YHPITWTGRAT	DEEPLGLPKC	
	-C-P-----G	-DL--L---D	---C-----P	--P-----	----	
	Consensus					
351	.....RGN	..SSSNH.LY	G.VAE.....	AGAPPADPS.	..TLYRDLPA	400
	..LTTSDDRAA	..RKEHHP SH	G.ASRDKGHP	HGHPPGSRSG	YKKAGKNCTS	
	CQPDAAADKAS	VLEPGRPASA	GNALKGRVPP	GDSPPGNGSG	PRHI.NDSPF	
	-----	-----	G-----	---PP--S-	-----	
	Consensus					
401	EDSRGR.....	QGGDAPTE.D	DYWGGY....	.....GGED	QRGEQMCPGA	450
	HRNRNQISKV	SSGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	
	GTLPGSAEPP	LTAVRPEGSE	P.PGFTSG	PRRRPGCSRK	NRTRSHCRLG	
	-----	-----	-----	-----R-	-----	
	Consensus					
451	ACQAPPDSRG	PALSAGLPSP	LLCLLLLVPH	HL~~~~~	491	
	PIRAPSGVQQ	ASSGTALGAP	LLAWILGLAV	TLR~~~~~	~	
	QACSGGGGTG	DSEGS GALPS	LTCSLTPLGL	ALVLWTVLGP	C	
	-----	-----	L-----	-L~~~~~	~	
	Consensus					

3/6
FIG. 2

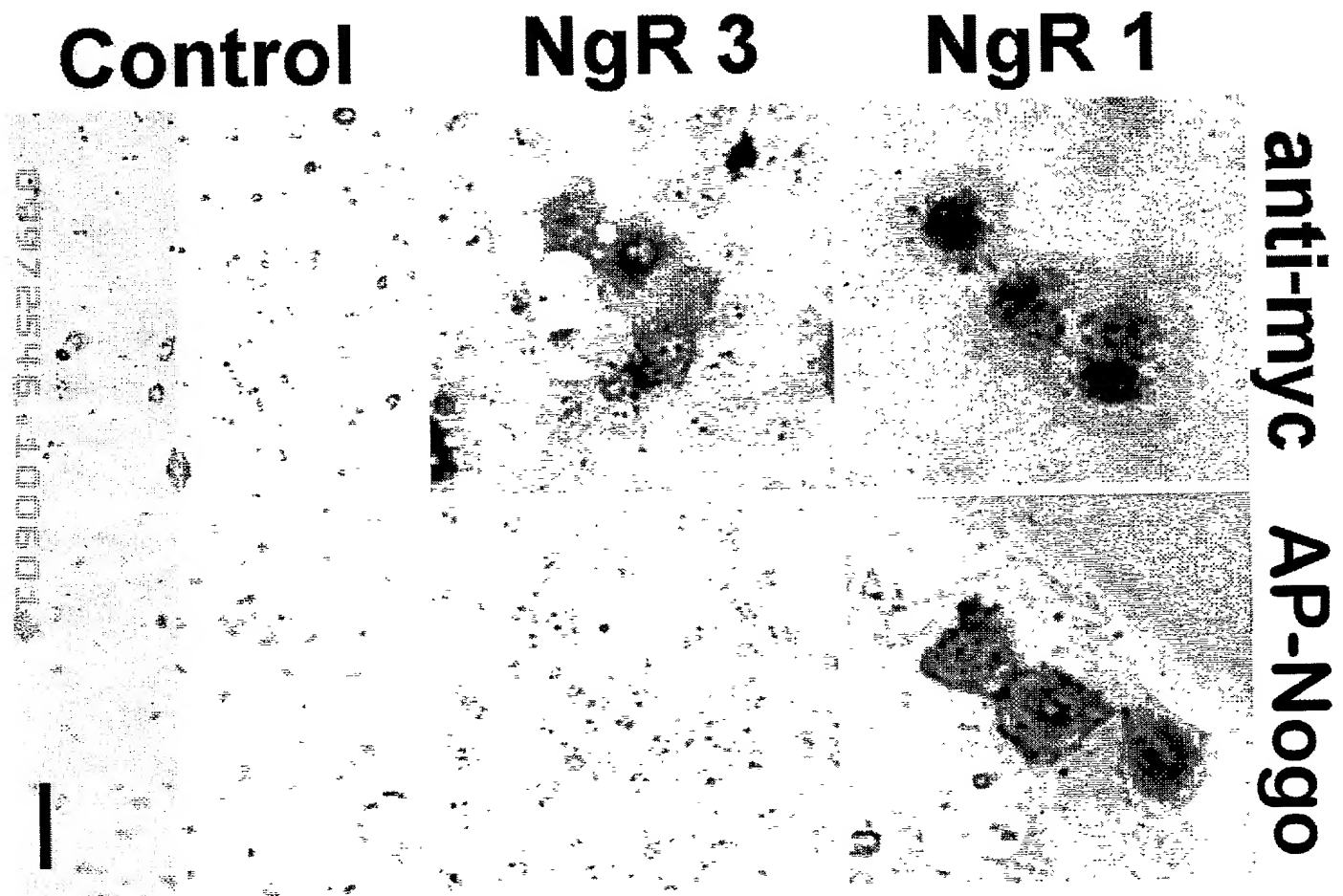


FIG. 3

[illegible]

[illegible]

9/5

FIG. 3, cont.

	201	LRR 6	LRR 7	250		
Human	NOGO-R1	GNRISSVPER	AFRGLHSLDR	LLLHQNRVAH	VPHAFRDLG	RLMTLYLFAN
Murine	NOGO-R1	GNRIPSVPEH	AFRGLHSLDR	LLLHQNHVAR	VPHAFRDLG	RLMTLYLFAN
Murine	NOGO-R3	GNKLWSLQGG	IFRGLVNLDR	LLLHENQLQW	VHKAFFHDLH	RLTTTLFLFNN
Human	NOGO-R3	GNKLWSLQGG	TFRGLVNLDR	LLLHENQLQW	VHKAFFHDLR	RLTTTLFLFNN
Human	NOGO-R2	GNRLRLTEH	VFRGLGSLDR	LLLHGNRLQG	VHRAAFRGLS	RLTILYLFNN
Consensus		GN-----	-FRGL--LDR	LLLH-N----	VH--AF--L-	RL--L-LF-N
		LRR 8		LRR CT		
Human	NOGO-R1	NLSALPTEAL	APLRALQYLR	LNDNPWVCDC	RARPLMAWLO	KFRGSSSEVP
Murine	NOGO-R1	NLSMLPAEVL	MPLRSLOYLR	LNDNPWVCDC	RARPLMAWLO	KFRGSSSEVP
Murine	NOGO-R3	SLTEIQGDCL	APLVALEFLR	LNGNAWDCGC	RARSLWEWLR	RFRGSSSAVP
Human	NOGO-R3	SLSELQGECL	APLGALEFLR	LNGNPWDCGC	RARSLWEWLO	RFRGSSSAVP
Human	NOGO-R2	SLASLPGEAL	ADLPSLEFLR	LNANPWACDC	RARPLMAWFO	RARVSSSDVT
Consensus		-L-L- - - - L -	- - L - - L - - LR	LN - N - W - C - C	RAR - LW - W - -	- - R - SSS - V -
		LRR 9		LRR CT		
Human	NOGO-R1	CSLPQRLAGR	DLKRLAANDL	QGCavatgpy	HPIWTGRATD	EEPLGLPKCC
Murine	NOGO-R1	CNLPQRLADR	DLKRLAASDL	EGCAVASGPF	RPIQTSQLTD	EELLSLPKCC
Murine	NOGO-R3	CATPELROGO	DLKLLRVEDF	RNCTGPVSP.	HQIKSHTLTT	SDRAARKEHH
Human	NOGO-R3	CVSPGLRHGO	DLKLLRAEDF	RNCTGPASP.	HQIKSHTLTT	TDRAARKEHH
Human	NOGO-R2	CATPPERQGR	DLRALREADE	QACP.PAAP.	TRPGSRA...	.RGNSSSNH
Consensus		C - - P - - - - -	DL - - L - - - D -	- - C - - - - - P -	- - - - - - - -	- - - - - - - -
		LRR 10		LRR CT		
Human	NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG	DSPPGNGSGP	RHINDSPFGT
Murine	NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG	DTPPGNGSGP	RHINDSPFGT
Murine	NOGO-R3	PSHGASRDKG	HPHGHPGSR	SGYK.....	.KAGKNCTSH	RNRNQISKVS
Human	NOGO-R3	SPHGPTRSKG	HPH....GPR	PGHR.....	.KPGKNCTNP	RNRNQISKAG
Human	NOGO-R2	.LYGVA.EAG	AP...PADPS	TLYR.....	.DLPA.....	....EDSRGR
Consensus		-----	-----	-----	-----	-----

FIG. 3, cont.

6/6

FIG. 3, cont.

Human NOGO-R1	LPSSAEPPPLT	AVRPEGSEPP	GF...PTSGP	RRRPGCSRKN	RTRSHCRLGQ	450
Murine NOGO-R1	LPSSAEPPPLT	ALRPGGSEPP	GL...PTTGP	RRRPGCSRKN	RTRSHCRLGQ	
Murine NOGO-R3	.SGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ	
Human NOGO-R3	.AGKQAPPELP	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ	
Human NOGO-R2	.QGGDAPTED	DYWGGY....	.....GGED	QRGEQMCPGA	ACQAPPD...	
Consensus	-----	-----	-----	-R-----	-----	

	Putative GPI Signals				490
Human NOGO-R1	AGSGGGGTGD	SEGGALPSL	TCSLTPLGLA	LVLWTVLGP	451
Murine NOGO-R1	AGSGASGTGD	AEAGGALPAL	ACSLAPLGLA	LVLWTVLGP	
Murine NOGO-R3	.....	..ASSGTALG	APLLAWILGL	AVTLR~~~~	
Human NOGO-R3	.....	..ASSASSLG	ASLLAWILGL	AVTLR~~~~	
Human NOGO-R2	.....	..SRGPALSA	GLPS PLLCL	LLLVPHHL~	
Consensus	-----	-----	-----	-----	